

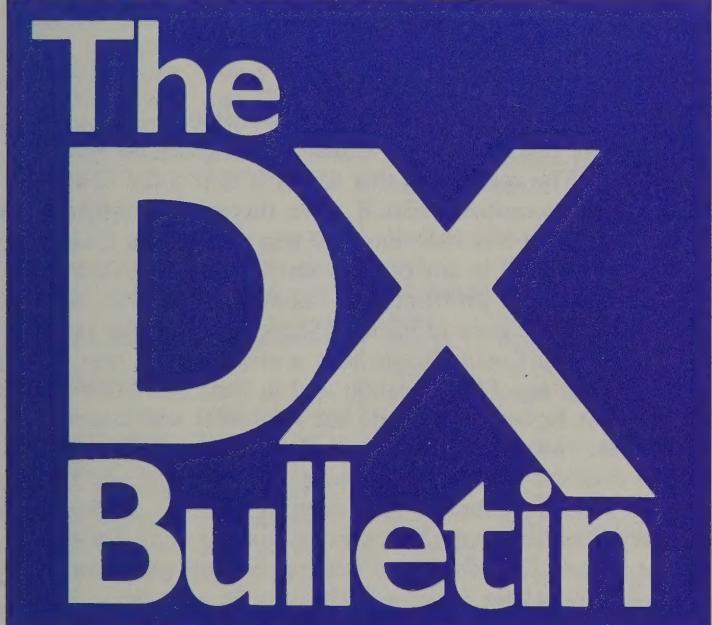
Spratly Islands - 1S

A group plans a return to Swallow Reef (AS-051) in the Spratly Islands Apr. 2-5. They will operate as **9M0A**, **9M0BZ**, and **9M0AG** on all bands 160-10 meters, including the new bands, on CW, SSB, and digital modes. On CW, try 1825, 3505, 7005, 10105, 14005, 18070, 21005, 24895, and 28005 kHz. On SSB, try 3790, 7080, 14195, 18145, 21295, 24945, and 28495 kHz. On RTTY, try 7030 and 85 kHz up on 10, 15, and 20 meters. Operators are **9M6BZ**, **JA9AG**, **JQ1WSL**, **JQ1QHO**, and **G3NOM**. QSL arrangements will be announced later. Sunrise 2230Z; sunset 1040Z.

Johnston Island - KH3

Richard LaChance **AH6IO** will operate **/KH3** May 4-9, on all bands 160-6 meters, concentrating on the low bands. He'll be accompanied by Pat **NH6UY**, who will operate the amateur satellites. QSL home calls, direct only please.

Edited by Chod Harris **VP2ML**



United Arab Emirates - A6

Don Greenbaum **WB2DND** will operate as **A61AD** Mar. 23-26, concentrating on 160-40 meters. QSL **WB2DND**.

Guyana - 8R

Larry Vogt **N4VA** is **8R1/** for the next 2-5 weeks, as part of a FAIRS training program. He was active in the ARRL SSB DX and plans to be in the WPX SSB. While in Guyana, Larry intends to activate Laguan Island, a New One for IOTA. Watch the IOTA frequencies of 14260 and 21260 kHz, and 25 kHz up on CW, plus the new bands. QSL home call.

Marianas - KH0

Tosy **JA6VZB** will operate as **AH0T** from Rota I. (OC-086) in the WPX SSB test Mar. 26-27. Outside the test, He'll be on 160-10, including the new bands, concentrating on 160 meters and RTTY. On 160, try $1824 \pm$ kHz. QSL to **JA6BSM**.

March 11, 1994

Shortly Noted

- **CQ6E** is the WPX SSB callsign of Francisco Costa CT1EAT, in the single-operator, all-band, low-power category. QSL via the Portuguese bureau to direct to P. O. Box 172, 7800 Beja, Portugal.
- **VP5/AB5MF** will operate from the Turks and Caicos Mar. 10-16, on CW and SSB. QSL to Sakae Obara **JF0VCY/AB5MF**, 7205 Hart Lane #2010, Austin TX 78731. ([JDN](#).)
- The **Pratas Island BV9P** operation has again been postponed from the tentative Mar. 16 start date.
- The **1A0KM SMOM** operation has been postponed indefinitely, due to restrictions imposed by the enclave's managers.
- **ZK1AT**: Amy on the North Cooks meets QSL manager **WB6EQX** on 3784 kHz at 0700Z Sundays.
- **EY8MM** Nodir is ex-UJ8JMM. Watch 3505 or 3795 kHz at his sunrise, about 0200Z.
- The **DXCC backlog** is growing again. As of the end of February, there were 497 unprocessed applications with 52,707 QSL cards. Turn-around time for those with computerized records is about three weeks. The DXCC desk received 687 applications with 60,558 QSL cards in February, and processed 639 with 48,561 cards.
- **SSB Net check-ins:** **14227** kHz: (11, 20Z) **7X2LS** **3D0DEX** **9M2GW** **V73PB** **9V1ZP** **HS0ZAU** **V85AA** **4S7DA** **4S7CA** **9J2HN** **ZK1AT** **CU3AV** **9M6LS**; **14247**: (23Z) **D44AB** **D44AM** **TZ6GD** **CN8EC** **GD0PLT**; **21355**: (18Z) **C53HG** **AH8A** **5X1F** **5R8KH** **A22CT** **CT3FT** **TL8NG** **ZK1AT** **9G1SG** **J28BM**.
- **RTTY:** Regulars: **LX1DA** $21090 \pm$ kHz at 1510Z; **ZD7DP** and **ZD7SM** 21084 kHz at 17-2100Z. Spots: **S92ZM** 14070 FEC 2305Z; **EL2HJO** 21070 ARQ 1545Z; **7Q7LA** 21070 ARQ 1530Z; **9N1AA** 21087 0805Z; **FR5ZU** 21083 1435Z.
- **Islands On The Air:** **PP5LL** will operate from several South American islands in the next few months: **Sao Francisco (SA-027)** April 20-24, **Santa Catarina (SA-026)** June 1-4, and **Mel (SA-047)** Aug. 3-7, on the traditional bands 80-10 meters, CW and SSB. QSL to P. O. Box 08, 88010 970 Florianopolis SC Brazil. **VE8NC** will be active from Henderson Island in the Inuvik West group Apr. 9-10, on the IOTA frequencies, weather permitting. Try **VE8CF** on 3805 kHz at 0400Z for updates. **H44MS** is Berhard **DL2GAC**; next stop is P29. **VK6CHI** will be active Mar. 18-23 from Cheye Islands, in the South Coast West group, a New One for IOTA. Try 7095, 14260, 21160, and 21260 kHz, or CW if propagation is poor. ([OPDX](#).) The Russian Robinson Club will activate Zeleny Island in the Baltic Sea group in late April, for about a week. This should be a New One for IOTA. 40-10 meters, CW and SSB. **E28DX** will be active from Kho Samui Island (AS-101) Apr. 8-10, on the traditional bands 160-2 meters, CW, SSB, and digital modes. QSL route to be announced.

Propagation

Forecast and Historical Data

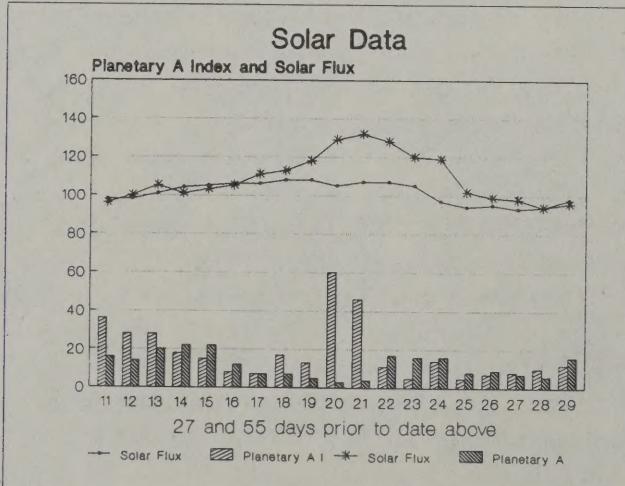
Day	Forecast	27 Days Before	55 Days Before						
March 1994	Date	Flux A	K	Date	Flux A	K			
11	Below Normal	2/12	98	29/36	3	1/15	96	17/16	4
12	Below Normal	2/13	98	24/28	5	1/16	100	13/14	3
13	Below Normal	2/14	101	23/28	3	1/17	105	17/20	2
14	Low Normal	2/15	104	19/18	3	1/18	010	21/22	2
15	Low Normal	2/16	105	14/15	2	1/19	103	23/22	3
16	High Normal	2/17	106	08/08	1	1/20	105	10/12	2
17	High Normal	2/18	106	05/07	1	1/21	111	05/07	2
18	Low Normal	2/19	108	16/17	3	1/22	113	05/07	2
19	High Normal	2/20	108	14/13	2	1/23	118	03/05	0
20	Disturbed	2/21	105	42/60	4	1/24	129	02/03	1
21	Disturbed	2/22	107	59/46	1	1/25	132	02/04	1
22	High Normal	2/23	107	07/11	0	1/26	128	18/17	3
23	Above Normal	2/24	105	04/05	2	1/27	120	18/16	3
24	High Normal	2/25	97	11/14	2	1/28	119	13/16	0
25	High Normal	2/26	94	03/05	0	1/29	102	06/08	0
26	High Normal	2/27	95	06/07	0	1/30	99	06/09	3
27	High Normal	2/28	93	06/08	1	1/31	98	05/07	0

Propagation Watch

The solar activity that clobbered the Peter 1 Island DXpedition in early February did not recur in early March, much to the relief of contestants in the ARRL SSB test. Solar activity was very low, with solar flux significantly below 100, and no band-disrupting flares.

Unfortunately, the good conditions may not continue. Coronal holes last longer and are more predictable than Sunspot Regions, and are more likely to disturb conditions for several months in a row. The Below Normal conditions forecast for this week are associated with some persistent coronal holes.

In the absence of geomagnetic disturbances, we can expect seasonal improvements in most bands, 40 meters and up. 20 and 30 meters remain open well into the evening, and daytime openings on the higher bands are increasing in duration and signal strength. Long-haul and long-path openings are very sensitive to high-latitude disturbances, but should be productive most days, especially around the WPX SSB test Mar. 26-27. The increasing length of daylight in the northern hemisphere is taking its toll on the lower bands, after the best low-band season in many years. However, look for 80-meter openings when the K index is 2 or less for a couple of days in a row. Good hunting!



Operations Approved

Bill Kennamer K5FUV has announced that the following operations are approved for DXCC credit:

Callsign	Operations beginning:
3V8W	07/17/93 CW only 7, 14, 18, 21 MHz
7Q7JA	05/07/90
8Q7BX	12/07/93
8R1/KD4GMV	01/11/94
8R1/KK4WW	01/11/94
9M2/DK7PE	05/17/93
A35CW	01/06/94
FS/W2QM	12/01/93
H44/DK7PE	12/13/93
HI8/7Q7JA	07/19/91
P29VCW	05/18/93
T7/DK7PE	05/10/93 144 Mhz
VK9MM	09/18/93
V51/7Q7JA	07/18/91
V63MV	12/23/92
YJ0AXX	12/23/93
ZD9SXW	09/29/93
ZK1ACW	01/17/94
ZV0ASN	01/01/94

Cocos Island DXpedition

The planned Cocos Island TI9 DXpedition has been canceled. The reason for this action is that some Costa Rican DXers, notably TI2CF, have threatened to force their radio league to discredit any TI9 trip that uses a QSL manager located in any country but Costa Rica. This presents a major problem with funding for the trip, since most donors require efficient QSLing practices (as they should!). The Costa Ricans have a miserable, at best, record for QSLing any TI9 operation and in fact, that's one reason it remains high on the needs list. An effort was made to negotiate this point to no avail. Consequently, this trip has been canceled until these issues are resolved. A trip to Costa Rica for a face-to-face meeting is being considered. It is very apparent that those certain few consider TI9 to be their private DX island and hope to keep it as rare as possible. (s) Craig Boyer AH9B

Northwest DX Convention

The 42rd annual Northwest DX Convention is July 23-24, in Richmond, British Columbia. Sponsors are the BC DX Club and the Fraser Valley DX Club. For more information, contact Earl Dery VE7IN, 16969 20th Avenue, South Surrey BC, Canada V4B 5A8.

QSLs Received

- Manager: 3X0DEX (F6IBA, 7 WKS); 4N1Z (YU1AVQ, 5 MOS); 5A0RR (LZ2UU, 9 MOS); 5N0BHF (OE6LAG, 2 WKS); 5Z4FV (NY3Y, 7 WKS); 7Q7DU (KD4UDU, 6 WKS); 9X5DX (F2VX, 1 MO); GJ0SLY (WA3CGE, 3 MOS); JY8VJ (DL1VJ, 7 WKS); V47KP (K2SB, 4 MOS); VK9LI (K6VNX, 4 MOS); VK9MM (VK4CRR, 5 MOS); VQ9QM (W4QM, 2 MOS); XQ8ABF (LU8DPM, 3 WKS); ZD8M (G3UOF, 2 MOS); ZF2SP (KB0JBX, 2 WKS).
- Direct: 7P8SR (6 WKS); 7X2DG (1 MO); 7X2LS (6 WKS); CE0ZIS (5 WKS); D44AB (1 MO); HP1AC (4 WKS); S92YL (1 MO); SV1AOZ (3 WKS); TU5DX (5 WKS); V63JC (3 WKS); VU2XX (1 MO).

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
20	21	22	23	24	25	26
27	28	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26

RTTY

4X6UO	21089	1509	5	FL
CE0ZIS	14083	2341	2	FL
CN8NP	14091	1942	27	FL
ER1PE	21092	1407	5	FL
FG5FI	21086	1936	27	FL
FH/DJ2BW	14084	1830	1	CA
FR5ZU	21084	1500	24	MN
HK0DPA	14091	2132	5	FL
J88BS	21090	1404	5	FL
KG4CW	14081	1530	2	CA
RW3PF	21086	1307	5	FL
S51GL	21090	1419	5	FL
S92ZM	14088	2334	2	FL
TZ6FIC	14086	2241	4	FL
UU9JWB	21088	1416	5	FL
UX0KN	21088	1625	28	MN
V51C	21085	1512	5	FL
YL3FW	14084	1202	5	FL
ZD7DP	21085	1935	27	FL
ZD7SM	21085	1710	27	FL
ZD8M	21085	1712	28	MN

160 Meters

FK8CP	1842	1029	1	CA
HH7PV	1800	0932	27	CA
KG4DX	1828	0422	28	SC
YS1X	1834	0500	27	IL

80 Meters

3B8CF	3506	0200	28	NH
4K1F	3501	0634	1	CA
5R8DG	3507	0240	3	FL
5Z4FO	3509	0214	2	FL
A71CW	3509	2333	22	NH
FG5FR	3512	0303	5	FL
FH/DJ2BW	3509	0024	1	FL
FR5FR	3507	0215	28	NH
HL9HH	3501	1120	27	NH
LU2BRG	3505	0945	22	NH
LU8DZJ	3505	0300	2	FL
V73C	3507	1130	27	NH
VK2BJ	3504	1105	27	NH
VK4CSS	3510	1025	23	NH
VK6ZX	3800	1440	26	CA
VQ9M	3506	2305	24	NH
VR2IH	3800	1435	26	CA
ZL4QY	3510	1125	21	NH
ZS6NW	3505	0159	27	FL

75 Meters

7X2JF	3794	2230	22	NH
9L1CF	3797	0545	23	MN
9M8DB	3791	1440	24	CA
KG4DX	3790	0335	26	VA
KH3AF	3786	0603	25	MN
OH5BM	3791	1445	24	CA
VK6LK	3797	2200	22	NH
YN1CB	3800	0544	25	MA

40 Meters

3B8CF	7005	0226	28	FL
3B8CF	7006	1515	22	CA
4K2MAL	7004	0136	27	FL
7Q7RM	7006	1450	23	CA
7Z1AB	7007	1505	24	CA
9V1QE	7006	2323	25	NH
BV4ME	7012	1510	24	CA
EA6ZY	7019	0720	27	CA
ER1CW	7004	0133	27	FL
FH/DJ2BW	7009	0002	1	FL
HT1T	7003	0137	2	FL
TK5MP	7009	0003	3	FL
TU2MA	7006	0616	26	CA
UA0ZC	7022	0647	28	UT
V51Z	7007	0038	1	FL
VQ9SS	7006	1415	25	CA
VU2TS	7004	1515	25	CA

30 Meters

4K1D	10103	2302	1	FL
4K1F	10121	0022	22	GA
4K2MAL	10105	0244	28	GA
4K8F	10110	0152	27	FL
4K9W	10101	2225	5	FL
5B4OG	10117	0156	27	FL
5N0/	10105	2011	5	FL
DL9GMM				
5U7Y	10106	2249	1	FL
6W6JX	10109	0201	27	VA
9K2MU	10105	2056	5	FL
A22DX	10101	2108	25	VA
C53HG	10119	2110	25	NH
EA6ZY	10101	2326	4	FL
EA9TY	10101	0154	27	FL
LU7XP	10104	0434	28	UT
TG8/	10109	2309	1	FL
NH8MG				
TL8NG	10118	2112	25	NH
V51Z	10102	2348	1	FL
V73C	10106	1258	26	SC
Y03AC	10106	0109	28	FL
Z21HS	10101	2229	5	FL
ZD8M	10101	2350	25	NH
ZS6UT	10106	0342	28	UT

20 Meter CW

4K2BY	14004	0158	28	FL
4U1VIC	14041	1455	26	CA
4X4WN	14008	1455	25	CA
5N0/	14010	2208	25	MI
DL9GMM				
5R8DG	14026	1843	22	NH
7P8SR	14026	1921	21	NH
7X2FK	14032	2232	2	FL
8Q7LX	14008	1857	23	NH
9V1YC	14014	1634	27	IL
BY1QH	14019	2255	4	FL
C53HG	14009	2253	4	FL
CN8ST	14014	0044	5	PA
EA9KQ	14030	1929	5	FL
EY8DV	14022	0253	1	CA

F6IZZ * 14011 1605 25 WA

FR5DD 14011 0259 1 CA

OH0KDY 14018 2024 5 FL

OX3GX 14017 0130 26 IN

T32AB 14024 2239 22 NH

TU2XZ 14010 2248 4 FL

UK8FF 14009 0350 1 CA

UR6F * 14003 1538 26 WA

UR7QC * 14011 1525 28 WA

V27T 14025 2241 1 FL

VP2V/ 14016 2013 27 FL

W2GUP

VQ9MZ 14039 1422 4 FL

VU2PTT 14025 2155 4 FL

VU2PTT * 14025 0311 1 CA

ZB2JK 14034 2236 3 FL

ZD8M 14024 2246 1 FL

ZS6UT 14020 0437 26 CA

CP1BA 21021 1316 5 FL

EU1DX 21013 1625 27 IL

EX8M 21018 1209 5 FL

FG5FR 21030 1255 27 GA

FG5FR 21010 2020 23 NH

FM5WH 21022 1207 5 FL

HH2JFO 21022 1630 23 CA

HT1T 21032 1441 26 GA

JD1/ 21020 2310 23 CA

JQ1SUO Ogasawara

S92SS 21016 2258 20 CO

T20CC 21027 2131 26 GA

TA1A 21025 1308 5 FL

TF3CW 21015 1601 25 MI

UN7LZ 21038 1402 26 GA

UX4LL 21046 1409 27 NH

XQ0YAF 21010 1452 22 WI

15 Meter SSB

5N0BHF 21257 2040 25 CA

5Z4PL 21263 1900 26 WI

9L3BM 21227 1837 25 CO

C53HG 21295 1915 25 CA

S79KMB 21335 1749 25 MD

S92SS 21367 2020 26 MI

TU2XR 21367 1726 25 MD

V29NR 21253 1551 25 MD

ZD8SA 21255 2242 22 CO

12 Meter CW

3B9FR 24913 1320 26 SC

3V8AS 24902 1510 26 SC

ES1AR 24898 1509 27 NH

HK0ER 24905 1727 25 MI

OM3EY 24900 1551 25 SC

TL8NG 24892 1333 25 SC

TU2XZ 24902 1331 5 FL

YL2PQ 24900 1411 27 FL

Z21HS 24896 1354 5 FL

ZD8M 24900 1714 17 SC

10 Meter SSB

D2SA 28495 1635 25 CA

PJ8LC 28360 1617 27 IL

V29NR 28500 2130 25 CA

V73C 28482 2154 26 CA

YS1XS 28435 1830 22 CA

10 Meter CW

F9IQ 28025 1719 27 SC

IS0HQJ 28016 1524 27 FL

KP2J 28018 1522 27 FL

P29KH 28031 2125 26 CA

TR8LT 28028 1600 1 FL

VP5P 28010 1550 27 FL

ZD8M 28021 1434 27 FL

ZS1AFZ 28030 1326 5 FL

Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix	Callsign	Dates	Issue
American Samoa	KH8	AH8F	Feb. 16-Mar. 16	I725
		KH8/W9GW	Mar. 9-16	I726
Antarctica	FT5	YF	soon	I728
Antigua	V2	YU1NR	to Mar. 11	I727
Aruba	P4	P40MR/TR	Feb. 21-Mar. 12	I725
Banaba Island	T33	T33CS/KK	Mar. 27-Apr. 5	I724
Belau	KC6KT	UA	Mar. 13-16	I727
Belize	V3	V31BW/PP	Feb. 19-Mar. 12	I725
Benin	TY	TY8OBO	Mar. 1-14	I724
		TY1IJ	now	I728
Bermuda	VP9/G3PJT		Mar. 8-18	I728
British Virgins	VP2V/W2GUP		Jan. 23-Mar. 17	I720
Cambodia	XU	XU7UK	to Feb. 1995	I724
		XU0HW/XU9HA	May 5-19	I726
Croatia	9A/	K4XU 40M	15-17Z Tues.	I724
Fernando de Noronha	PY0FM		Mar. 2-30	I727
Fiji	3D	3D2QB	Feb. 20+	I726
French Polynesia	FO/F6BMK		Mar. 7-25	I728
Guam	KH2/JK6UER+		Mar. 18-20	I727
Guyana	8R1/	N4VA	to April	I729
Ivory Coast	TU	TU2KC	to Mar. 15	I728
Johnston Island	KH3	AH6IO/+	May 4-9	I729
Juan Fernandez	CE0	CE0ZIS	14227 02Z	I724
Kerguelen	FT	FT5XJ	to July	I722
Laccadives	VU7LI		now active	I728
Liberia	EL	TBA	Mar. 11-17	I727
Marianas Islands	KH0/JA1CMD		Mar. 27-Apr. 1	I723
	AH0T		WPX SSB	I729
Micronesia	V6	TBA	Mar. 16-18	I727
Nauru	C21/WK3D		Mar. 9-14	I721
Nicaragua	YN	YN1EUG	to April	I727
Niger	5U	5U7Y	now active	I726
Niue	ZK2	WI0S,KD0KI	to Mar. 12	I728
North Cooks	ZK1AT		3784 07Z Sun.	I729
Pitcairn Island	VR6	VR6ID 21290	1600Z Mon.	I716
Pratas Island	BV	BV9P	postponed	I729
Reunion Island	FR/F5PXQ		Mar. 5-18	I726
	FR/G0IXC		to Mar. 17	I727
Rodriguez Island	3B	3B9FR	new bands	I711
St. Lucia	J6/	DL9XAT/DL5XAT	Mar. 5-18	I726
Saudi Arabia	HZ	HZ1AB	1832± 02Z Fri.	I721
Somalia	T5	T5YOU	Mar. 24-Apr. 4	I728
South Cook Islands	ZK1s		Mar. 4-17	I722
SMOM	1A0KM		postponed	I728
Spratly islands	1S	9M0A+	Apr. 2-5	I729
Svalbard	JW	JW5EBA	Jan.-Jun.	I719
Tajikistan	EY	EY8MM	3505/3795 02Z	I729
Tonga	A3	A35SQ	Feb. 15-Mar. 15	I725
Turks & Caicos	VP5/W2HKM		Mar. 19-27	I727
	VP5/AB5MF		Mar. 10-16	I729
United Arab Emirates	A61AD		Mar. 23-26	I729
Western Samoa	5W	WI0S,KD0IK	Mar. 13-20	I728
Zambia	9J2BO		24900 1530Z	I720
	9I2A/M/Z		Mar. 14-Apr. 6	I724/6

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Algeria	7X2JF	3795	2230Z+
Angola	D2SA	28495	1630Z
Ascension Island	ZD8M	28024±	1430Z
Botswana	A22DX	10102	2100Z
Easter Island	XQ0YAF	21010	1500Z
French Guiana	FY5YE	10102	0430Z+
Guadeloupe	FG5XJ	18080±	1400Z
Johnston Island	KH3AF	3785	0600Z
Mauritius island	3B8FG	7006	1515Z
Nigeria	5N0BHF	21257	2030Z
Pakistan	AP2JZB	14185±	0220Z
Rodriguez Island	3B9FR	18080±	1700Z
Saudi Arabia	HZ1AB	7004	1415Z
Suriname	PZ1AP	18074±	1400Z
Taiwan	BV4AF	7010±	1500Z



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Operating Events and DX Gatherings

Dates	Event	Reference:
March 19-20	BARTG RTTY Contest	<u>Digital Journal</u>
March 19-20	Bermuda Contest	<u>CQ</u>
March 26-27	CQWW WPX SSB Contest	<u>CQ</u>
April 2-3	Poland DX Contest	<u>CQ</u>
April 15-17	Visalia International DX Convention	<u>I716</u>
April 29-May 1	Dayton Hamvention	

Contributors

This Issue made possible by: AA9DK, AB4PW, AD1C, AG8L, AH6IO, AH9B, CT1EAT, G3NOM, JADXN, K0CX, K0PP, K4BAI, K4GLU, K4II, K4IQJ, K5FUV, K6ZH, K7UOT, K8JLF, K8REG, KG6I, KM6FW, KM9J, KT7H, KZ0X, N2GLH, N4VA, NM7M, OPDX, PP5LL, VE7SZ, W0CJZ, W0JRN, W1BFT, W1KNT, W1NH, W4VQ, W6JOX, W6UQF, W8CT, W9HAO, W9RXJ, W9TKV, WB2DND, WB3ECU, WB4IUX, and WM3B. Many thanks!